

zone of cream tint, which again merges into one of very pale rose-madder, which ends in a moderately sharp boundary, about latitude 25° . This is followed by a zone a few degrees in width, and of cream tint; and about latitude 40° commences a double belt, very pale rose-madder in tint, the space between them being of cream tint, and the belt highest in latitude being the broadest of the two. In turn this is followed by a zone of cream tint until the polar cap of bluish-white is reached.

Of course, in speaking of colours only faint tints are to be understood throughout the above description. I did not see the whole of these features during October, simply because I did not look for them all, but on three occasions I observed the greater portion of the detail mentioned, and by that means ensured the correct identification of the narrow belt to which Mr. Ranyard referred.

The photograph* accompanying this paper illustrates the belt system described, and is a reduced copy of a water-colour drawing which I made at my telescope on 1874 Sept. 14; and on numberless occasions since then I have re-observed the same features.

18 Preston St., Brighton :
1884, Jan. 10.

Note accompanying a Sketch of the Great Comet (b) 1882.
By Gen. G. H. Willis.

(Extract from a letter to Mr. Stone.)

I send you the sketch of the appearance of the comet of last year on the morning of October 19.

The air was extremely clear at the time, and the wind was nearly calm.

I watched the comet for some twenty minutes, until the increasing light of dawn obliterated the dark circle round it. During this time I got my field-glasses to observe with, but I found that the dark part was not so distinct through them. I then got a powerful ship's telescope, but with it the dark shade almost entirely disappeared, except on the right, or darker, side, where it remained slightly visible.

The appearance was so extremely delicate, light, and airy that it would be almost impossible to depict it on paper.

41 Eaton Place, S.W.:
1883, Nov. 15.

* The Photograph is placed in the Society's Library.



*From a sketch by
Gen. G. H. Willis, made
at 5. a. m. on Oct. 19,
70 miles East of
Gibraltar.*

W. H. Wesley lith.

West Newman & Co. Imp.

THE GREAT COMET (b) 1882.



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